



# Out of the Lab and On to the Road: Putting Alternative Fuel and Advanced Transportation Technologies To Work for Energy Security and Clean Air

Fiscal Year 1999 Budget Request

Office of Technology Utilization  
Office of Transportation Technologies  
Energy Efficiency and Renewable Energy  
U.S. Department of Energy

## Our Mission

To help reduce petroleum use and emissions from transportation, we promote the use of alternative fuels, alternative fuel vehicles and advanced technology vehicles.

We provide unbiased information; financial assistance; regulatory guidance; and mission advocacy to help make choosing alternative fuel vehicles and advanced technology vehicles easier.



# US Department of Energy Office of Transportation Technologies



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## Office of Fuels Development

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Feedstock Development  
Ethanol Conversion  
Biodiesel  
Regional Biomass Program

## Office of Advanced Automotive Technologies

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Hybrid Vehicles  
Electric Vehicles  
Advanced Automotive  
Heat Engines  
Advanced Automotive  
Materials  
Fuel Cell Powertrains  
Energy Storage  
Alternative Fuel Vehicles

## Office of Heavy Vehicle Technologies

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HV Engine Technologies  
Advanced Materials  
Heavy Vehicle System  
Technologies  
Alternative Fuels and  
Lubrication Technologies  
HTML

## Office of Technology Utilization

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Clean Cities  
EPACT Alternative Fuel  
Vehicle Requirements  
Fleet Test Operations  
Alternative Fuels Data  
Center

## 1999 Budget Request Summary

FY 1998 = \$11.775M    FY 1999 = \$16.25M

CHANGE = +\$4.475M

- **Accomplishments**

- Over 60 Clean Cities are now enrolled in the DOE program--feeding top quality information to fleets and supporting compliance with the Energy Policy Act (EPACT) requirements.

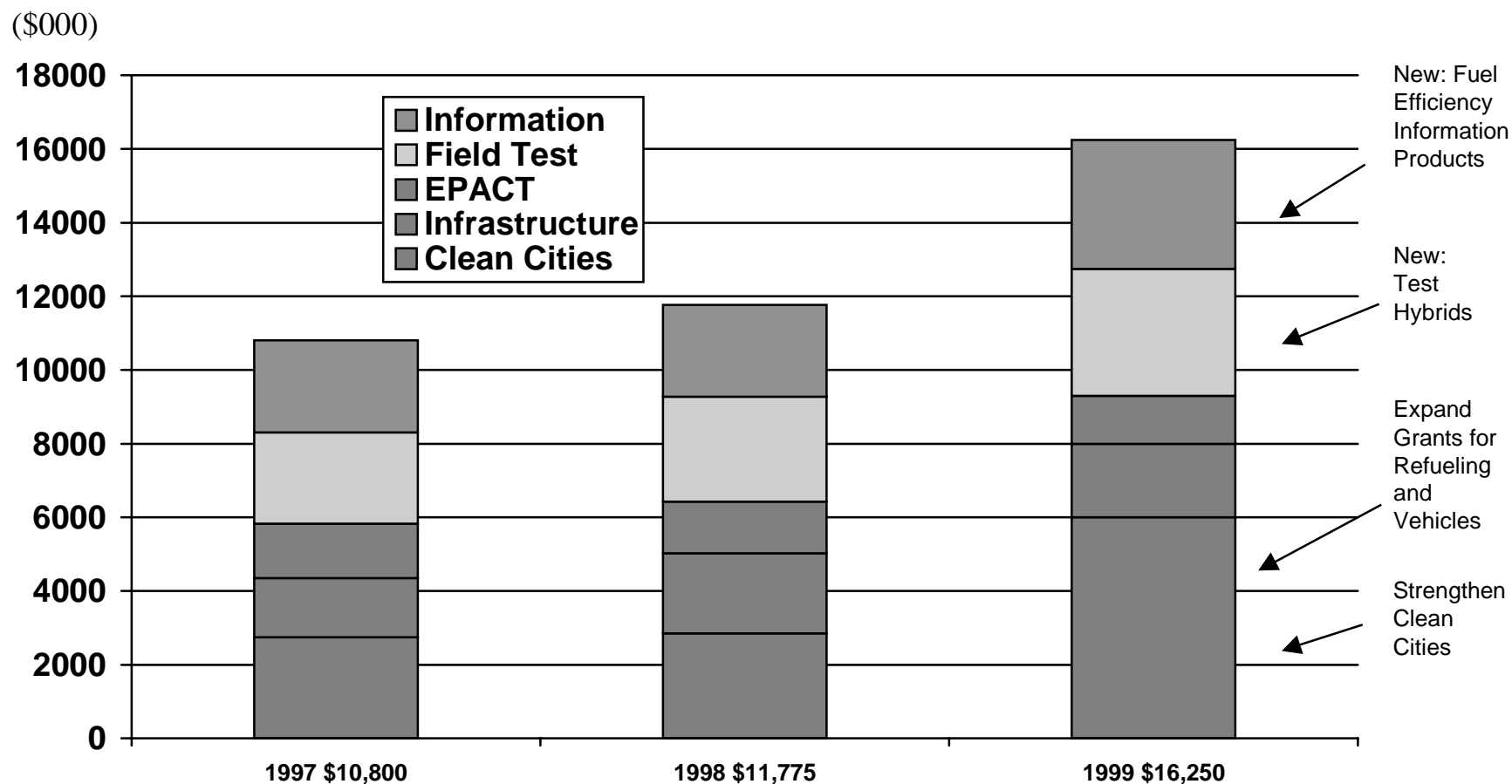
- **Changes in 1999**

- Strengthen Clean Cities and EPACT \$1.0 M
- Reduce greenhouse gas emissions \$3.0 M
- Initiate field test/evaluation of hybrid vehicles \$0.5 M

- **Expected Results**

- Deploy alternative fuel vehicles and advanced technology vehicles to reduce greenhouse gas emissions

## 1999 Request Strengthens Clean Cities and Reduces Greenhouse Gas Emissions



## Strengthen Clean Cities and EPACT



- Expand Clean Cities' access to tools and information needed to acquire alternative fuel vehicles
- Add 15,000 alternative fuel vehicles to the Federal fleet
- Complete the EPACT rulemaking on private and local fleets
- Strengthen Clean Cities corridor investments linking major urban centers

## Reduce Greenhouse Gas Emissions

- Expand Grants to States and National Parks
  - focus on renewable fuels, alternative fuels and advanced vehicles that reduce greenhouse gas emissions
- Add advanced technology vehicles to the Clean Cities program
- Promote fuel efficient vehicles
  - redesign Fuel Economy Guide and develop new information products to help consumers make the “efficient” choice

## Initiate field test/evaluation of hybrid vehicles

- Develop and refine standards for testing and evaluation of hybrid vehicles
- Identify near-term opportunities for hybrid vehicle demonstrations in partnership with PNGV and ATTC